

Serial No. 10/787,330
22 Aug 2005 Reply to
21 Apr 2005 Office Action

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A computer implemented system for ~~processing~~ analyzing the content of a digital image, comprising:
 - a data storage area comprising a plurality of digital images;
 - an image handler configured to obtain at least a portion of a digital image from the data storage area;
 - an image processing algorithm comprising instructions for ~~processing~~ analyzing a digital image wherein such analysis does not modify the content of the digital image; and
 - an execution manager configured to execute the image processing algorithm instructions to analyze the content of ~~on~~ the digital image obtained by the image handler.
2. (original) The system of claim 1, wherein the data storage area is accessed via a data communication network.
3. (original) The system of claim 1, wherein a plurality of image processing algorithms are stored in the data storage area.
4. (original) The system of claim 1, wherein the image processing algorithm comprises a plurality of subroutines.
5. (currently amended) The system of claim 4, wherein the execution manager receives at least a portion of the ~~image processing algorithm~~ plurality of subroutines via a data communication network.
6. (currently amended) The system of claim 5, wherein the execution manager retrieves at least a portion of the ~~image processing algorithm~~ plurality of subroutines from the data storage area.

Serial No. 10/787,330
22 Aug 2005 Reply to
21 Apr 2005 Office Action

7. (original) The system of claim 1, wherein the execution manager is further configured to receive a plurality of parameters, wherein the parameters define a sub-region of the digital image retrieved from the data storage area.
8. (original) The system of claim 1, wherein the execution manager is further configured to receive a plurality of parameters, wherein the parameters control the execution of the image processing algorithm instructions.
9. (currently amended) A computer implemented method for processing a digital image, comprising:
 - receiving an image selection that uniquely identifies a digital image stored in a data storage area comprising a plurality of digital images;
 - receiving an algorithm selection that uniquely identifies a set of image processing instructions, wherein the image processing instructions carry out an analysis of the content of the digital image and do not modify the content of the digital image;
 - receiving a set of image processing parameters; and
 - executing the set of image processing instructions according to the set of parameters.
10. (original) The method of claim 9, wherein the set of image processing parameters controls the execution of the image processing instructions.
11. (original) The method of claim 9, wherein the set of image processing parameters defines a sub-region of the selected digital image to be processed.
- 12 – 20. (canceled)
21. (currently amended) A computer implemented method for ~~processing~~ analyzing the content of a digital image, comprising:
 - receiving an image selection that uniquely identifies a digital image stored in a data storage area comprising a plurality of digital images;

Serial No. 10/787,330
22 Aug 2005 Reply to
21 Apr 2005 Office Action

receiving an algorithm selection that uniquely identifies a set of image processing instructions, wherein the image processing instructions carry out an analysis of the content of the digital image and do not modify the content of the digital image;

receiving a set of image processing parameters;
retrieving a first sub-region of the digital image from the data storage area;
executing the set of image processing instructions on the first sub-region;
storing the results of the image processing on the first sub-region;
retrieving a second sub-region of the digital image from the data storage area;
executing the set of image processing instructions on the second sub-region; and
storing the results of the image processing on the second sub-region; and
combining the stored results from the first sub-region with the stored results of the second sub-region into an analysis of the digital image.

22. (original) The method of claim 21, wherein the digital image comprises a plurality of sub-regions and each sub-region is processed such that the set of image processing instructions is executed on the entire digital image.
23. (new) A computer implemented method for analyzing the content of a digital image by execution of an image processing algorithm, comprising:
receiving an image analysis request comprising an image identifier, an algorithm identifier; and a set of parameters;
parsing the image analysis request to obtain the image identifier, algorithm identifier, and set of parameters;
obtaining from a data storage area a digital image identified by the image identifier;
obtaining from a data storage area a set of image processing instructions corresponding to the algorithm identifier; and
executing the set of image processing instructions on the identified digital image to analyze the content of said digital image.

Serial No. 10/787,330
22 Aug 2005 Reply to
21 Apr 2005 Office Action

24. (new) The method of claim 23, wherein obtaining the digital image comprises obtaining a sub-region of the digital image, the sub-region determined by one or more parameters in the set of parameters.
25. (new) The method of claim 23, wherein obtaining the set of image processing instructions comprises dynamically linking the set of image processing instructions for execution as part of an image processing algorithm.